BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of work: Estimate for Providing Laying UGD Works at Hegadenagara in Ward no 06 Byatarayanapura Sub Division

							Estimate Cost Rs.		1500000.00
Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1. Earth work excavation by manual means in Ordinary Soil soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications.MORTH chapter 3. No. 141/ Item No. 19.1/ PWD SR 2016-17	cum							
	For UGD Works								
	Hegadenagara 4th Cross Govt School to Samudayabhavan		1	283.00	0.90	2.10+2.70	611.28		
						2			
	For Flaging Course Hegadenagara 4th Cross		1X2	120.00	0.25	0.30	18.00		
							629.28	86.92	**54697.00**
	Basic Rate	82.00							
	Area Weightage @ 6%	4.92							
	Total	**86.92**							
2	KSRB 12-1.1 : Providing and laying in position to required level or slope 300mm internal diameter salt glazed stoneware pipes grade A and jointing with stiff mixture of cement mortar in proportion of 1:1, testing of pipes and joints,including cost of materials, labour charges complete as per specifications. Specification Pg 70 item no 11.6 PWP & IWTD (2016-17)	**mtrs**							
	Hegadenagara 4th Cross Govt School to Samudayabhavana		1	283.00			**283**	661.44	**187188.00**
	Basic Rate	624.00							
	Area Weightage @ 6%	37.44							
	Total	**661.44**							
3	KSRB 12-3.1 : Providing and laying in position plain cement concrete of mix M 7.5 using 40mm and down size graded granite / trap metal for haunching of 300mm internal diameter stoneware pipes, concrete machine mixed laid in layers not exceeding 15 cms thick, well compacted, including cost of materials, labour charges, form work, HOM of machinery, curing complete as per specifications. Specification Pg 71 item no 11.24 KPWD (2016-17)	**Mrts**							
	Hegadenagara 4th Cross Govt School to Samudayabhavana		1	283.00			**283**	926.44	**262183.00**

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Basic Rate	874.00							
	Area Weightage @ 6%	52.44							
	Total	**926.44**							
4	KSRB 12-5.1 : Constructing brick masonry circular type manhole 1.22 m internal dia at bottom 1.68m deep and 0.56m dia at top with table moulded non-modular bricks of 50 class designation 50 in cement mortar 1:4, inside cement plastered 12mm thick with cement mortar 1:3, finished with a floating coat of neat cement, foundation concrete M 10 using 40mm and downsize granite metal and making necessary channel in cement concrete M 15 with 20mm and downsize granite metal finished with a floating coat of neat cement, with S.F.R.C. cover and frame (heavy duty, HD-20 grade designation) 560mm internal diametre confirming IS :12592, total weight cover and frame to be not less than 182 kg, fixed in cement concrete 1:2:4, 20mm and downsize broken granite metal, providing and removing centering, shuttering including cost of materials, labour charges, HOM of mechineries complete as per	**Nos**							
	Hegadenagara 4th Cross Govt School to Samudayabhavana		1	12.00			12		
							12	33324.28	**399891.00**
	Basic Rate	31438.00							
	Area Weightage @ 6%	1886.28							
	Total	**33324.28**							
5	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications (P.NO - 6, I.NO - 2.11, PWD SR 16-17)	Cum							
	For UGD		Qty Vide Item No.1				**629.28**		
							629.28	59.36	**37354.00**
	Basic Rate	76.00							
	6% area weightage	**4.56**							
	Total	80.56							
6	KSRB-4-1.3 : Providing and laying in position plain cement concrete of mix M 1:4:8 withOPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2, No. 12/ Item No. 4.3/ PWD SR 2016-17	**Cum**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	For Raising Course Drain								
	Hegadeangara 4th Cross		1X2	120.00	0.25	0.15	9.00		
							9.00	5159.02	**46431.00**
	Basic Rate	4867.00							
	Area Weightage @ 6%	292.02							
	Total	**5159.02**							
7	KSRB 4-1.7 : : Providing and laying in position plain cement concrete of mix 1:3:6 withOPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @0.56cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2/P No. 13/ Item No. 4.7/ PWD SR 2016-17	**cum**							
	For Raising Course Drain Coaping								
	Hegadeangara 4th Cross		1X2	120.00	0.20	0.15	7.20		
							7.20	5598.92	**40312.00**
	Basic Rate	5282.00							
	Area Weightage @ 6%	316.92							
	Total	**5598.92**							
8	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20 cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Page No. 24/ Item No. 5.27/ PWD SR 2016-17	Sqm							
	For Raising Course Drain								
	Hegadeangara 4th Cross		1X2	120.00		0.40	96.00		
							96.00	993.22	**95349.00**
	Basic Rate	937.00							
	Area Weightage @ 6%	56.22							
	Total	**993.22**							
9	Precast slab 20mm and down size for slab (including steel reinforcement) including centring and shutterng machine mixed concrete laid in layers not exceeding 15cms thick well compacted cost of all materials labour HOM of machineries curing complete as per specifications c.c 1:1.5:3 Including all cost of Matirial (DATA	Sqm							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	For Raising Course Drain								
	egadeangara 4th Cross		1	120.00	0.90		108.00		
							108.00	2100.00	**226800.00**
	Data Rate	**1856.67**							
							Grand Total		**1350205.00**
10	For 10% KRIDL Charges								**135021.00**
11	For 1% Labour Cess								**13502.00**
12	Miscesallaneous Charges	L/S							**1272.00**
									1500000.00

Certificate:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2016-17
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer
Ward No. 06(Thanisandra)

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

ADMINISTRATIVE APPROVAL

Accorded For Rs. Fifteen lakhs only

Head of A/C P- 3295

Div. Ref. No. 21/18-19 Date 7/06/18

AE

EE(BTP) 7/06

TECHNICAL SANCTION

Accorded For Rs. Fifteen lakhs only

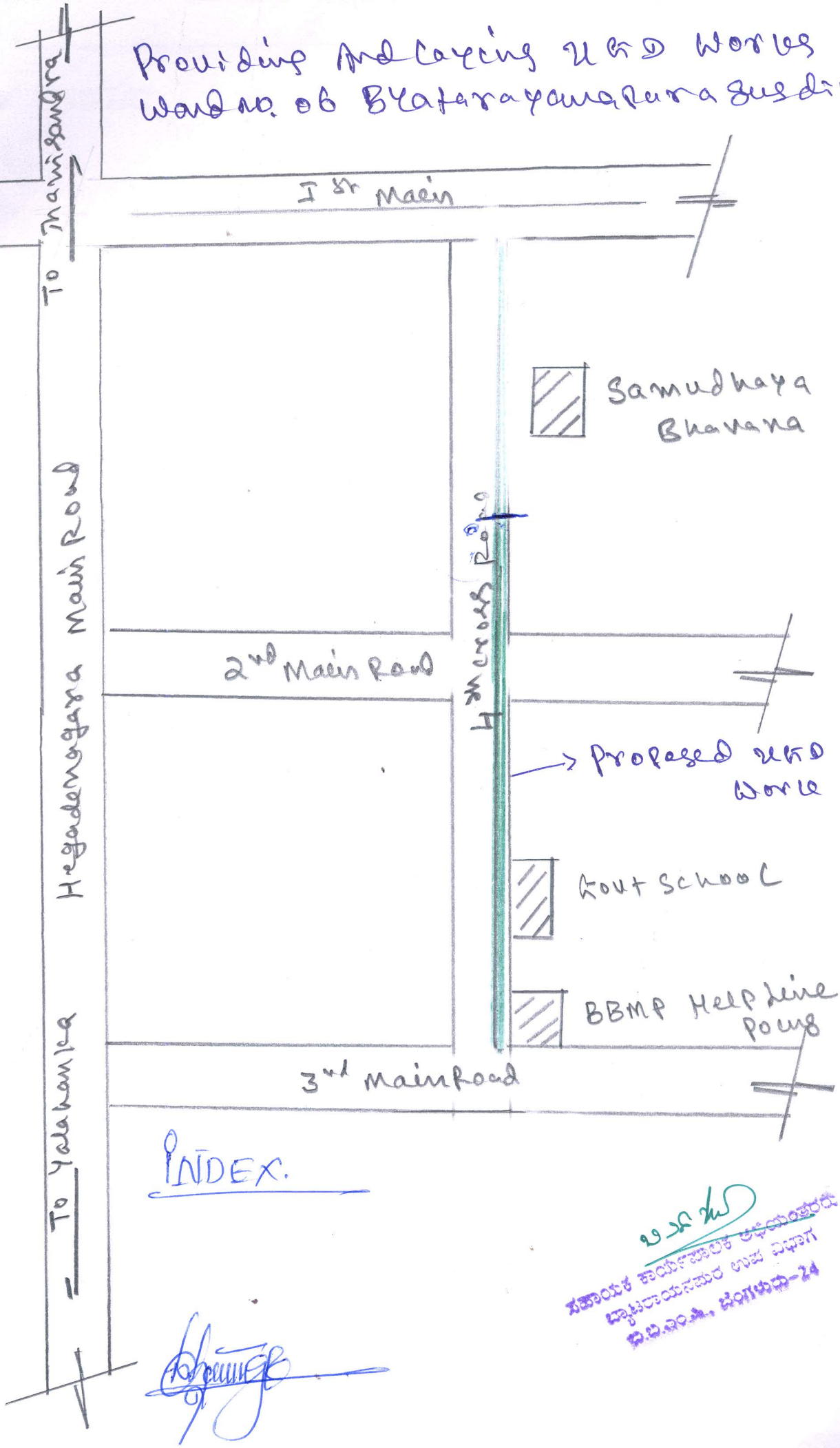
Head of A/C P-3295

Div. Ref. No. 24/18-19 Date 7/06/18

AE

EE(BTP) 7/06

Providing and Laying RCC Works in Ward no. 06 Byatarayanapura Sub division



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